



SEQUENCE LISTING

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<120> METHOD FOR PRODUCING PLANTS HAVING AN INCREASED TOLERANCE AGAINST
DROUGHT AND/OR FUNGAL ATTACK AND/OR INCREASED SALT CONCENTRATIONS
AND/OR EXTREME TEMPERATURE BY THE EXPRESSION OF PLASMODESMATA-
LOCALIZED PROTEINS

<130> 009848-0276439

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<141> 2001-16-03

<150> PCT/EP99/03291

<151> 1999-12-05

<150> 98108726.5

<151> 1998-13-05

<160> 3

<170> PatentIn Ver. 3.0

<210> 1

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<212> PRT

<213> Artificial Sequence

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<223> Description of Artificial Sequence: synthetic, no natural origin

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Ser Arg Thr Ser
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<223> Description of Artificial Sequence: synthetic, no natural origin

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Gly Gly Arg Ser Arg Thr Ser Thr Ser Thr Val Val Tyr Asn Asn Gln	
15 20 25	
gga ggc gaa gaa ggc aat ccc ttc gca ggc gcg cta aca gag ttc agc	145
Gly Gly Glu Glu Gly Asn Pro Phe Ala Gly Ala Leu Thr Glu Phe Ser	
30 35 40 45	
cag tgg tta tgg tca cgg cct ctg ggc aac cca ggc gcc gaa gac gta	193
Gln Trp Leu Trp Ser Arg Pro Leu Gly Asn Pro Gly Ala Glu Asp Val	
50 55 60	
gaa gag gag gca atc gcc gct caa gaa gaa ctg gag ttc ccc gag gac	241
Glu Glu Glu Ala Ile Ala Ala Gln Glu Glu Leu Glu Phe Pro Glu Asp	
65 70 75	
gag gct caa gcg aga cat tcg tgt tta caa agg aca acc tca tgg gca	289
Glu Ala Gln Ala Arg His Ser Cys Leu Gln Arg Thr Thr Ser Trp Ala	
80 85 90	
act ccc aag gaa gtt tca cct tcg ggc cga gtc tat cag act gtc cgg	337
Thr Pro Lys Glu Val Ser Pro Ser Gly Arg Val Tyr Gln Thr Val Arg	
95 100 105	
cat tca agg atg gaa tac tca agg cct acc atg agt ata aga tca caa	385
His Ser Arg Met Glu Tyr Ser Arg Pro Thr Met Ser Ile Arg Ser Gln	
110 115 120 125	
gca tct tac ttc agt tcg tca gcg agg cct ctt cca cct cct ccg gct	433
Ala Ser Tyr Phe Ser Ser Ser Ala Arg Pro Leu Pro Pro Pro Pro Ala	
130 135 140	
cca tcg ctt atg agt tgg acc ccc att gca aag tat cat ccc tcc agt	481
Pro Ser Leu Met Ser Trp Thr Pro Ile Ala Lys Tyr His Pro Ser Ser	
145 150 155	

cct acg tca aca agt tcc'aaa tta cga agg gcg gcg cca aaa ctt atc 529
 Pro Thr Ser Thr Ser Ser Lys Leu Arg Arg Ala Ala Pro Lys Leu Ile
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 Lys Arg Gly
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<210> 3
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 <223> Description of Artificial Sequence: synthetic, no natural origin

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 1 5 10 15

Ser Arg Thr Ser Thr Ser Thr Val Val Tyr Asn Asn Gln Gly Gly Glu
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Glu Gly Asn Pro Phe Ala Gly Ala Leu Thr Glu Phe Ser Gln Trp Leu
 35 40 45

Trp Ser Arg Pro Leu Gly Asn Pro Gly Ala Glu Asp Val Glu Glu Glu
 50 55 60

Ala Ile Ala Ala Gln Glu Glu Leu Glu Phe Pro Glu Asp Glu Ala Gln
 65 70 75 80

Ala Arg His Ser Cys Leu Gln Arg Thr Thr Ser Trp Ala Thr Pro Lys
 85 90 95

Glu Val Ser Pro Ser Gly Arg Val Tyr Gln Thr Val Arg His Ser Arg
 100 105 110

Met Glu Tyr Ser Arg Pro Thr Met Ser Ile Arg Ser Gln Ala Ser Tyr
 115 120 125

Phe Ser Ser Ser Ala Arg Pro Leu Pro Pro Pro Pro Ala Pro Ser Leu
 130 135 140

Met Ser Trp Thr Pro Ile Ala Lys Tyr His Pro Ser Ser Pro Thr Ser
 145 150 155 160

Thr Ser Ser Lys Leu Arg Arg Ala Ala Pro Lys Leu Ile Lys Arg Gly
 165 170 175